AUTODOC CLUB

How to change front brake pads on **AUDI A3 Hatchback (8P1)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
AUDI A3 Hatchback (8P1) 1.6 E-Power, AUDI A3 Hatchback (8P1) 2.0 FSI, AUDI A3 Hatchback (8P1) 1.6, AUDI A3 Hatchback (8P1) 2.0 TDI 16V, AUDI A3 Hatchback (8P1) 1.9 TDI, AUDI A3 Hatchback (8P1) 2.0 TDI, AUDI A3 Hatchback (8P1) 3.2 V6 quattro, AUDI A3 Hatchback (8P1) 1.6 FSI, AUDI A3 Hatchback (8P1) 2.0 TFSI, AUDI A3 Hatchback (8P1) 2.0 TFSI quattro, AUDI A3 Hatchback (8P1) 2.0 TDI 16V quattro, AUDI A3 Hatchback (8P1) 2.0 TDI quattro, AUDI A3 Hatchback (8P1) 1.8 TFSI, AUDI A3 Hatchback (8P1) 1.4 TFSI, AUDI A3 Hatchback (8P1) 1.8 TFSI quattro, (+ 2)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: VW Passat Saloon (362) 2.0 TDI

REPLACEMENT: BRAKE PADS – AUDI A3 HATCHBACK (8P1). TOOLS YOU NEED:



- Wire brush
- Nylon cleaning brush
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- HEX bit No.H7
- Torx bit T27
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

Buy tools

Replacement: brake pads – AUDI A3 Hatchback (8P1). AUTODOC recommends:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- Please note: all work on the car – AUDI A3 Hatchback (8P1) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

2 Clean the brake fluid reservoir cap. Use a brake cleaner.



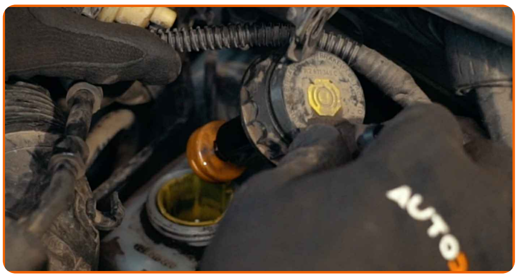
AUTODOC recommends:

- Replacement: brake pads – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

3 Unscrew the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



4 Unscrew the brake fluid reservoir cap.



5 Secure the wheels with chocks.

6 Loosen the wheel mounting bolts. Use wheel impact socket #17.



7 Raise the front of the car and secure on supports.

8 Unscrew the wheel bolts.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. AUDI A3 Hatchback (8P1)

9 Remove the wheel.



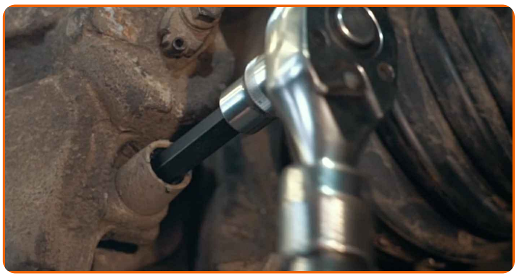
10 Spread the brake pads. Use a crowbar.



11 Remove the dust boot caps of the brake caliper guide pins. Use a crowbar.



12 Unscrew the brake caliper fastening. Use HEX No.H7. Use a ratchet wrench.



13 Detach the brake caliper retaining spring. Use a crowbar.



14 Remove the brake caliper.



Replacement: brake pads – AUDI A3 Hatchback (8P1). AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

15 Remove the brake pads.



AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

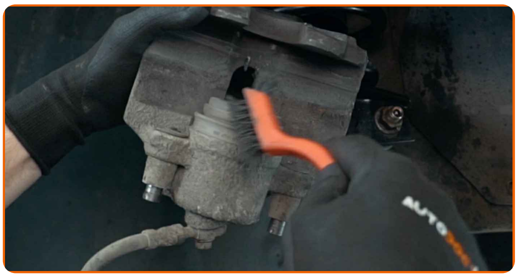
16 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

17 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



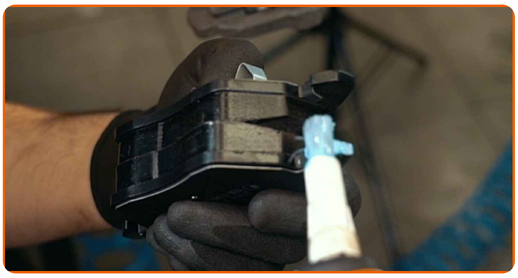
Replacement: brake pads – AUDI A3 Hatchback (8P1). Tip from AUTODOC:

- After applying the spray, wait a few minutes.

18 Press in the brake caliper piston. Use brake caliper wind back tool.



19 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – AUDI A3 Hatchback (8P1). Tip from AUTODOC experts:

- Make sure the disc surface is clean before installing the pads.

20 Install new brake pads.



AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

21 Install the brake caliper and fix it. Use HEX No.H7. Use a torque wrench. Tighten it to 30 Nm torque.



22 Install the dust boot caps of the brake caliper guide pins.



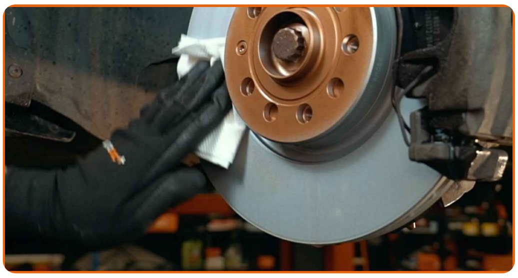
23 Install the brake caliper retaining spring. Use a crowbar.



24 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



25 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – AUDI A3 Hatchback (8P1). After applying the spray, wait a few minutes.

26 Install the wheel.



AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

27 Screw in the wheel bolts. Use wheel impact socket #17.



28 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



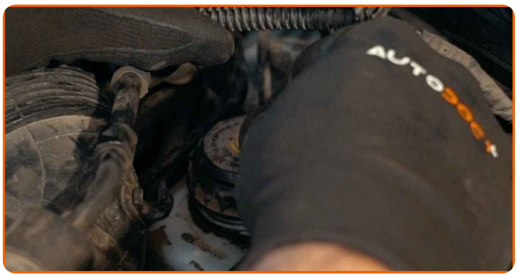
29 Remove the jacks and chocks.



Replacement: brake pads – AUDI A3 Hatchback (8P1). Tip from AUTODOC:

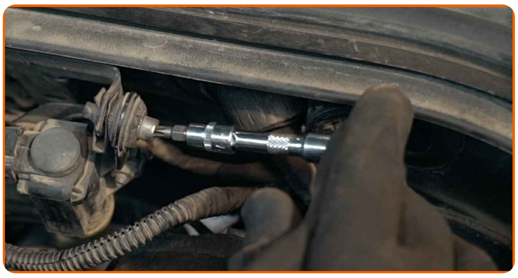
- Check the brake fluid level in the expansion tank and refill if necessary.
- Without starting the engine, press the brake pedal several times until you feel significant resistance.

30 Tighten the brake fluid reservoir cap.



31

Install the engine solenoid valve bracket. Use Torx T27. Use a ratchet wrench.



32

Close the hood.

Replacement: brake pads – AUDI A3 Hatchback (8P1). AUTODOC recommends:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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